

Ref: PCN_TOBYL2_20230419

Product Change Notice

LTE Modem Firmware Update to Version 17.00,A01.02

Summary

The firmware version 17.00,A01.02 for TOBY-L2 modem series has been released by u-blox on March 22, 2023. NetModule has qualified the new firmware for use with NetModule products. The following NRSW releases are compatible with this firmware version:

- 4.6.0.105 or higher
- 4.7.0.103 or higher

NetModule strongly recommends updating the TOBY-L2 LTE modems with firmware version 17.00,A01.02.

Affected Products

All products with product options “-L”, “-Lbb” and “-Lg” for LTE Cat. 4 based on u-blox TOBY-L2xx modem are affected. Products using other cellular standards are not affected: e.g. LTE Advanced, LTE 450 MHz, GSM-R.

Product Change

The following issues have been fixed with firmware version 17.00,A01.02:

- Under certain operational states unwanted data transmission might have been caused. From mobile network operator’s point of view this unwanted data transmission might be identified as uplink interference.
- Under some high data throughput conditions, the response times of the modem to AT commands exceeded the expected values, leading to instability of the data connection.
- Trace logging was accidentally enabled by a certain AT command, leading to unnecessary high amount of data being stored on the modem file system.

All the afore mentioned issues may affect reliability and performance of the LTE data connection. Therefore, NetModule strongly recommends updating all TOBY-L2 LTE modems to firmware version 17.00,A01.02 for fixing these issues.

Additional Information

The firmware images are available for download here:

- TOBY-L210 for EMEA region, order code L:
https://share.netmodule.com/public/system-software/firmware/TOBY-L200-L210_FW17.00_A01.02_IP-v1.2.tar.gz
- TOBY-L200 for NA region, order code Lbb:
https://share.netmodule.com/public/system-software/firmware/TOBY-L200-L210_FW17.00_A01.02_IP-v1.2.tar.gz
- TOBY-L280 for APAC region, order code Lg:
https://share.netmodule.com/public/system-software/firmware/TOBY-L280_FW17.00_A01.02_IP-v1.2.tar.gz

Detailed Instructions can be found here: <https://wiki.netmodule.com/maintenance/modem-firmware-update>

Should you have any questions, please do not hesitate to contact NetModule support at support@netmodule.com or +49 6196 779979 40